

US-PAT-NO:

6434484

**DOCUMENT-IDENTIFIER: US 6434484 B1** 

TITLE: Method and device for displaying animated navigation information

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**Detailed Description Text - DETX (6):** 

FIG. 3 illustrates one arrangement of animation contemplated by the present invention. In a preferred embodiment, upon power-up of the device, display 14 presents a screen having at the top a logo and at the bottom a copyright notice. An animation of a person 30 enters the display and plants a flag 34. Those familiar with GPS technology will readily understand that person 30 represents the user or the device and that flag 34 represents a marker or waypoint. Person 30 gives the appearance of action by the presentation of successive frames wherein the arms and legs of person

profile is changed, depending upon the direction of movement of the user. When

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planting flag 34, person 30 lowers flag 34 to the ground and kneels. As

illustrated in FIGS. 3(d)-(g), after planting flag 34, person 30 continues

across <u>display</u> 14. A trail 32 marks the path traveled by person 30. Shown in

FIGS. 31(h)-(i), a second flag 34 is planted and person continues off <u>display</u>

14. Accordingly, each of the frames 14(a)-14(j) are retrieved in sequence from

memory 22, for <u>display on display</u>. The rapid retrieval of these frames for

display on the display creates a fluid, animated visualization to the user. As

will be understood. the number of frames illustrated in FIG. 3 is for

illustrative purposes only and, preferably, a great deal more frames are

provided such that the presentation is extremely fluid.